

**In the Claims:**

Please amend the Claims as follows and without prejudice. This listing of Claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method for processing video data for display on a display device having a plurality of luminous elements comprising:

applying a dithering function to at least part of said video data, wherein the dithering function to refine refines the grey scale portrayal of video pictures of said video data,

computing at least one motion vector from said video data, [[and]]

changing at least one of the phase, amplitude, spatial resolution and temporal resolution of said dithering function in accordance with said at least one motion vector when applying the dithering function to said video data; and

outputting the dithered video data.

2. (Previously Presented) The method according to claim 1, wherein said dithering function includes two spatial dimensions and one temporal dimension.

3. (Previously Presented) The method according to claim 1, wherein said dithering function includes the application of a plurality of masks.

4. (Previously Presented) The method according to claim 1, wherein said applying of said dithering function is based on single luminous elements of said display device.

5. (Previously Presented) The method according to claim 1, wherein said dithering function is a 1-, 2-, 3- or 4- bit dithering function.

6. (Previously Presented) The method according to claim 1, wherein said at least one motion vector is defined for each pixel or cell individually.

7. (Currently Amended) ~~The method according to claim 1,~~ A method for processing video data for display on a display device having a plurality of luminous elements comprising:

applying a dithering function to at least part of said video data to refine the grey scale portrayal of video pictures of said video data,

computing at least one motion vector from said video data,

changing at least one of the phase, amplitude, spatial resolution and temporal resolution of said dithering function in accordance with said at least one motion vector when applying the dithering function to said video data; and

outputting the dithered video data;

wherein said at least one motion vector has two spatial dimensions.

8 – 16 (CANCELLED)

### **Status of the Claims**

Claims 1-7 are pending.

Claims 1-7 stand rejected.

Claims 1 and 7 have been amended without prejudice herein.

### **Remarks/Arguments**

Applicant notes prosecution of the subject application has been re-opened responsively to Applicant's appeal brief. Applicant requests reconsideration and allowance of the subject application for at least the following reasons.

#### ***35 U.S.C. 101 Rejections***

Claims 1-7 stand rejected pursuant to 35 U.S.C. 101. The Office action argues, "the language of the claim raises questions as to whether the claim is statutory subject matter". Applicant traverses these rejections, as Claims 1-9 are directed to, "[a] method for processing video data for display on a display device having a plurality of luminous elements." Nonetheless, and without prejudice, Applicant has amended independent Claim 1 to recite, inter alia, "outputting the dithered video data." Claim 7 has been amended to be independent in form and include the above-identified language. For purposes of completeness, Applicant notes support for this feature may be found throughout the specification, including, by way of non-limiting example in Fig. 3 and on page 13, lines 20-26 of the specification, where it teaches, "[t]he video signals R1, G1, B1 subjected to the dithering in the dithering block 12 are output as signals R2, G2, B2." Accordingly, no new matter has been added.

In view of the foregoing, Applicant requests reconsideration and removal of the 35 U.S.C. 101 rejections of Claims 1-7.

#### ***Claim 7***

Applicant has rewritten Claim 7 to be independent in form, and include all of the limitations of Claim 1, upon which it previously depended. Accordingly, as the only rejection presented with regard to Claim 7 was the 35 U.S.C 101 rejection, and as Applicant has amended Claim 7 to overcome the 35 U.S.C. 101 rejection, Applicant